

What is claimed is:

1. A sound source connector with cutover switch comprising at least a plastic housing, a flexible terminal, a contact terminal, and two signal terminals, wherein:
 - 5 a main receptacle is defined within the plastic housing, and which is adapted for inserting a sound source plug therein; moreover, an insulated protruding arm is configured in the plastic housing of the main receptacle;
the flexible terminal is fixed within the plastic housing, and the flexible
10 terminal is configured to push down on the insulated protruding arm configured in the plastic housing, thereby ensuring the insulated protruding arm stays within the main receptacle of the plastic housing;
the contact terminal is fixed within the plastic housing, and upon the sound source plug being inserted into the sound source connector,
15 the contact terminal forms an electrical connection with the aforementioned flexible terminal;
the two signal terminals are fixed within the plastic housing, and respectively extend towards an interior of the main receptacle of the plastic housing, and upon inserting the sound source plug into the
20 main receptacle of the plastic housing, the two signal terminals

respectively form an electrical connection with the sound source plug;
the aforementioned flexible terminal, the contact terminal and the two
signal terminals respectively form an electrical connection with an
electric circuit of a printed circuit board.

5 2. The sound source connector with cutover switch according to claim 1,
wherein a protruding piece is configured on an extremity of the
insulated protruding arm of the plastic housing, whereby, upon
inserting the sound source plug, the protruding piece increases extent
of flexible deformation of the flexible arm of the flexible terminal .

10 3. The sound source connector with cutover switch according to claim 1,
wherein the flexible terminal comprises a flexible member and a first
connecting terminal, whereby the flexible member props against the
flexible arm configured on back of the insulated protruding arm of the
plastic housing, and the first connecting terminal electrically connects
15 the flexible member with the electric circuit of the printed circuit board.

4. The sound source connector with cutover switch according to claim 1,
wherein the contact terminal comprises a contact member and a
second connecting terminal, whereby upon the sound source plug
being inserted into the main receptacle of the plastic housing, the
20 contact terminal forms an electrical connection with the flexible arm of

the flexible terminal, and the second connecting terminal electrically connects the contact member with the electric circuit of the printed circuit board.

5. The sound source connector with cutover switch according to claim 1,

5 wherein the first signal terminal makes the electrical connection with the electric circuit of the printed circuit board through a bridge connecting terminal.

6. The sound source connector with cutover switch according to claim 1,

10 wherein the second signal terminal makes the electrical connection with the electric circuit of the printed circuit board through a bridge connecting terminal.

7. A sound source connector with cutover switch comprising at least the plastic housing, the flexible terminal, the contact terminal, and the two signal terminals, wherein:

15 a main receptacle is defined within the plastic housing;
the flexible terminal is fixed within the plastic housing, and the flexible arm is configured on the flexible terminal, an insulated piece is fixedly configured on an extremity of the flexible arm of the flexible terminal so as to inwardly face interior of the main receptacle of the plastic
20 housing, and the insulated piece of the flexible terminal maintains

within interior of the main receptacle of the plastic housing;

the contact terminal is fixed within the plastic housing, and upon the sound source plug being inserted into the sound source connector, the contact terminal forms an electrical connection with the
5 aforementioned flexible terminal;

the two signal terminals are fixed within the plastic housing, and respectively extend towards an interior of the main receptacle of the plastic housing, and upon inserting the sound source plug into the main receptacle of the plastic housing, the two signal terminals
10 respectively form an electrical connection with the sound source plug; the aforementioned flexible terminal, the contact terminal and the two signal terminals respectively form an electrical connection with an electric circuit of a printed circuit board.

8. The sound source connector with cutover switch according to claim 7,
15 wherein the insulated piece of the flexible terminal is configured by means of an insert molding on the flexible arm of the flexible terminal.